

CURRICULUM VITAE

David Schretlen, Ph.D.

The Johns Hopkins University School of Medicine
Department of Psychiatry and Behavioral Sciences
600 North Wolfe Street, Meyer 218
Baltimore, Maryland 21287-7218
Office (410) 614-6341
FAX (410) 955-0504
dschret@jhmi.edu

PERSONAL

Born January 29, 1956 in Walnut Creek, California
Married, two children

EDUCATION

University of Arizona	Clinical Psychology	Ph.D.	1986
San Jose State University	Experimental Psychology	M.A.	1981
San Jose State University	Psychology/Economics	B.A./B.A.	1978

Postdoctoral Fellowship in neuropsychology and rehabilitation; 1986-1988
University of California, Los Angeles (UCLA Neuropsychiatric Institute)
and Daniel Freeman Memorial Hospital.

Predoctoral Internship in clinical psychology; McLean Hospital, Harvard 1985-1986
Medical School.

LICENSE/REGISTRATION/BOARD CERTIFICATION

Licensed Psychologist, State of Maryland (02433)	1988-present
Licensed Psychologist, State of California (PSY10399; inactive)	1987-present
National Register of Health Service Providers in Psychology	1990-present
Diplomate in Clinical Neuropsychology, American Board of Professional Psychology	2001-present

PROFESSIONAL EXPERIENCE

Associate Professor Department of Psychiatry and Behavioral Sciences 1995-present
The Johns Hopkins University School of Medicine

Associate Professor Department of Radiology and Radiological Sciences, 2003-present
The Johns Hopkins University School of Medicine

Director of Clinical Services Medical Psychology Clinic and Cortical Function 1999-2002
Laboratory; Division of Medical Psychology, Department of Psychiatry,
Johns Hopkins University School of Medicine and Johns Hopkins Hospital

Assistant Professor Department of Psychiatry and Behavioral Sciences 1988-1995
The Johns Hopkins University School of Medicine

PLF-DEF-EX. # 79
DATE 12/4/03
JUDGE JMR
CASE # CR03-3089
3090, 3091

<u>Associate Director for Clinical Services</u> Medical Psychology Clinic and Cortical Function Laboratory; Division of Medical Psychology, Department of Psychiatry, The Johns Hopkins University School of Medicine and Johns Hopkins Hospital	1991-1999
<u>Affiliate Medical Staff</u> The Johns Hopkins Hospital.	1988-present
<u>Education Staff</u> Baltimore Veterans Administration Medical Center	1989-1995
<u>Consultant</u> Maryland Department of Education, Division of Vocational Rehabilitation, Disability Determination Services	1991-1994
<u>Clinical Supervisor</u> West Los Angeles Veterans Administration Medical Center, clinical psychology internship program.	1987-1988
<u>Consultant</u> Bloch Medical Clinic; Los Angeles, California. Worker compensation evaluations.	1986-1988
<u>Project Coordinator</u> Alprazolam vs. cognitive therapy for the treatment of depression in older adults. The University of Arizona Health Sciences Center	1984
<u>Consultant</u> University of Arizona, Department of Education Reading Laboratory	1982-1985

TEACHING/INVITED LECTURES

<u>Director</u> "Medical Psychology Seminar" Johns Hopkins University	1998-2002
<u>Lecturer</u> "Intelligence I & II" (Introduction to Psychiatry) Johns Hopkins University	2001
<u>Lecturer</u> "Medical Psychology Seminar" Johns Hopkins University	1989-present
<u>Discussant</u> "Neuropsychology Journal Group" Johns Hopkins University; Baltimore, Maryland	1989-present
<u>Lecturer</u> Basic Neurosciences; Sheppard and Enoch Pratt Hospital	1990-1998
<u>Invited Lecture</u> "Eyewitness Memory" Mid-Atlantic Regional Community Policing Institute; Baltimore, Maryland	November 2002
<u>Invited Lecture</u> "Psychological Assessment in Death Penalty Litigation" Louisiana Public Defenders Association Annual Conference	June 2001
<u>Invited Lecture</u> "Contributions and Limitations of the Neuropsychological Evaluation" Maryland Trial Lawyers Association; Baltimore, Maryland	November 2000
<u>Invited Lecture</u> "Role of Neuroimaging in the Assessment of Traumatic Brain Injury" Congress on Neuropsychiatry of Brain Injury; San Sebastian, Spain	June 1998
<u>Invited Lectures</u> "Evaluation of Simulated Amnesia & Other Memory Impairments" and "Dissimulation on the Rorschach & Other Projective Measures" Eighth Annual National Symposium: Mental Health and the Law; Miami, Florida	March 1998
<u>Invited Lecture</u> "Post-Concussion Syndrome" Neurology for the Primary Practitioner; Johns Hopkins Department of Neurology	December 1997

<u>Lecturer</u> Neuropsychology Seminar; Johns Hopkins University	1995-1996
<u>Invited Lecture</u> "Neuropsychology of Lesch-Nyhan Disease" National Conference on Lesch-Nyhan Disease; Morristown, New Jersey	May 1994
<u>Invited Lecture</u> "Factors that Influence the Reliability of Eyewitness Identification" Maryland Office of the Public Defender; Ocean City, Maryland	April 1994
<u>Invited Lecture</u> "Higher Cortical Functions" Osler Institute Neurology/ Neurosurgery Board Review Course; Baltimore, Maryland	1994, 1996
<u>Director</u> "Psychological Assessment Seminar" Johns Hopkins University; Baltimore, Maryland	1988-1990
<u>Instructor</u> "Normal Personality" University of Arizona; Tucson, Arizona	1984
<u>Instructor</u> "Introduction to Psychology" Pima County Community College; Tucson	1983

GRANTS, CONTRACTS, AWARDS AND HONORS

<i>Aging, Brain Imaging, and Cognition</i> (Co-Investigator; Site PI) NIA Grant #2-RO1 AG11859-04A2 (G. Pearlson, PI; \$1,740,187)	1999-2004
<i>Brain Opioid Receptors and Cognition in Cocaine Abuse</i> (Co-Investigator) NIDA Grant #1-R01 DA11774-01A1 (J. James Frost, PI; \$790,057)	1999-2002
<i>Quantitative Structural Neuroimaging in Psychosis</i> (Co-Investigator; Site PI) NIMH Grant #2-RO1 MH43775-09A1 (G. Pearlson, PI; \$2,025,453)	1999-2004
<i>Schizophrenia: Sex Differences in Brain Abnormalities</i> (Co-Investigator; Site PI) NIMH Grant #2-RO1 MH52886-04 (G. Pearlson, PI; \$2,201,072)	1999-2004
<i>The 5-HT Transporter in Parkinson's Disease: A PET Study</i> (Co-Investigator) NIA Grant #RO1 AG14400-01 (Z. Szabo, PI; \$595,585)	1997-2000
<i>Behavior and Neurobiological Correlates of HPRT Deficiency</i> (Co-Investigator) NICHD Grant #RO1 HD33095-01A2 (J. Harris, PI; \$547,180)	1997-2001
<i>Social Security Administration Disability Process Redesign Research and Evaluation</i> (Consultant) SSA #600-07-32018	1997-2002
<i>Aging, Brain Imaging and Cognition</i> (Co-Principal Investigator) NIA Grant #RO1 AG11859-01A (G. Pearlson, PI; \$1,336,988)	1994-1997
<i>Planning and Developing a Protocol for the Disability Evaluation Study</i> (Consultant) SSA #600-94-12279	1999 1994-1995
<i>Executive Functions and Psychosocial Disability Following Traumatic Brain Injury</i> (Principal Investigator) NIDRR Grant #H133 C90054 (\$50,000)	1989-1990
<i>Neurobehavioral Recovery Following Mild Head Injury</i> (Principal Investigator) NIDRR Mary Switzer Fellowship #133 FH70013 (\$32,000)	1987-1988

<i>Clinical Trainee in Psychology</i> NIMH #TF01 MH08242-20 (\$5,900)	1982
Member, Program Committee, Eastern Psychological Association	2000-2003
Chief Postdoctoral Fellow in Neuropsychology, UCLA Neuropsychiatric Institute	1987
Clinical Fellow in Psychology, Harvard Medical School	1985
Phi Kappa Phi	1978
Graduated with Great Distinction, San Jose State University	1978

PROFESSIONAL SOCIETIES

American Psychological Association (Divisions: 20, 22, 40, 41)
 American Psychological Society (Charter Member)
 American Academy of Clinical Neuropsychology
 American Board of Assessment Psychology (Charter Member & Diplomate)
 International Neuropsychological Society
 National Academy of Neuropsychology
 Eastern Psychological Association

PROFESSIONAL ACTIVITIES/PEER REVIEW

<u>Consulting Editor</u> for <i>Assessment</i>	1999-2003
<u>Consulting Editor</u> for <i>Psychological Assessment</i>	1994-1997
<u>Ad hoc reviewer</u> for <i>The Journal of Gerontology: Psychological Science</i>	2000
<u>Ad hoc reviewer</u> for <i>Journal of the International Neuropsychological Society</i>	1999
<u>Ad hoc reviewer</u> for <i>Journal of Clinical and Experimental Neuropsychology</i>	1997-present
<u>Ad hoc reviewer</u> for <i>Neuropsychology</i>	1997-1999
<u>Ad hoc reviewer</u> for <i>Journal of Clinical Psychology</i>	1999
<u>Ad hoc reviewer</u> for <i>Psychological Reports/Perceptual & Motor Skills</i>	1999
<u>Ad hoc reviewer</u> for <i>Assessment</i>	1996-1998
<u>Ad hoc reviewer</u> for <i>Journal of the American Medical Association</i>	1995-present
<u>Ad hoc reviewer</u> for <i>Alcohol Health and Research World</i>	1995
<u>Ad hoc reviewer</u> for <i>Clinical Psychology: Science and Practice</i>	1994
<u>Ad hoc reviewer</u> for Williams & Wilkins	1996
<u>Ad hoc reviewer</u> for Oxford University Press	1993
<u>Ad hoc reviewer</u> for <i>Psychological Assessment</i>	1990-1993
<u>Ad hoc reviewer</u> for Johns Hopkins University Press	1993

- Ad hoc reviewer for Veterans Administration Medical Center Merit Review. 1990
- Ad hoc reviewer for the Ontario Mental Health Foundation clinical research proposals. 1990-1991
- Consulting Reviewer, Center for Scientific Review Special Emphasis Panel for Brain Disorders & Clinical Neuroscience (NIH) 2003
- Member, Data Safety and Monitoring Board for "S-Adenosyl-methionine for the treatment of depression associated with Parkinson's disease" (NIH-NCCAM) 2003–
- Special Emphasis Panel Reviewer for technical evaluation of contract concerning the effects of tamoxifen and raloxifene on cognition in elderly women (NIA) 2001
- Special Emphasis Panel Reviewer for technical evaluation of contract concerning estrogen replacement therapy and cognitive aging, National Institute on Aging (NIA) 1999
- Review Panel to evaluate proposals for Predoctoral Training Fellowships (F31) National Institutes of Health (NIH) 1998
- Review Panel to evaluate proposals for Research and Training Centers in Traumatic Brain Injury; Department of Education, National Institute on Disability and Rehabilitation research (NIDRR) 1987-1988
- Review Panel to evaluate Field-Initiated Research proposals to the U.S. Department of Education, NIDRR. 1988, 1991
- Site Visitor to evaluate Traumatic Brain Injury Research and Training Center Application; Department of Education, NIDRR. 1987

PUBLICATIONS

- Hicks, R., Guista, M., **Schretlen, D.**, & Pellegrini, R. (1980). Habitual duration of sleep and divergent thinking. Psychological Reports, 46, 426.
- Hicks, R. & **Schretlen, D.** (1981). Changes in level of Type A behavior in college students over a four year period. Psychological Reports, 49, 22.
- Schretlen, D.** (1986). Malingering: the use of a psychological test battery to detect two kinds of simulation. Ann Arbor, Michigan: University Microfilms.
- Beutler, L., Scogin, F., Kirkish, P., **Schretlen, D.**, et al (1987). Group Cognitive therapy and alprazolam in the treatment of depression in older adults. Journal of Consulting and Clinical Psychology, 55, 550-556.
- Schretlen, D.** (1988). The use of psychological tests to identify malingered symptoms of mental disorder. Clinical Psychology Review, 8, 451-476.
- D'Elia, L., Satz, P. & **Schretlen, D.** (1989). The Wechsler Memory Scale: A critical appraisal of the normative studies. Journal of Clinical and Experimental Neuropsychology, 11, 551-568.

- Schretlen, D. & Arkowitz, H.** (1990). A psychological test battery to detect prison inmates who fake insanity or mental retardation. Behavioral Sciences and the Law, 8, 75-84.
- Schretlen, D.** (1991). A limitation of using the Wiener and Harmon obvious and subtle scales to detect faking on the MMPI. Journal of Clinical Psychology, 46, 782-786.
- Schretlen, D., Brandt, J., Krafft, L. & Van Gorp, W.** (1991). Some caveats in using the Rey 15-Item Memory Test to detect malingered amnesia. Psychological Assessment: A Journal of Consulting and Clinical Psychology, 3, 667-672.
- Schretlen, D., Wilkins, S., Van Gorp, W. & Hoida, J.** (1992). Cross-validation of a psychological test battery to detect faked insanity. Psychological Assessment: A Journal of Consulting and Clinical Psychology, 4, 77-83.
- Benedict, R.H., Schretlen, D. & Bobholz, J.H.** (1992). Concurrent validity of three WAIS-R short forms in psychiatric inpatients. Psychological Assessment: A Journal of Consulting and Clinical Psychology, 4, 322-328.
- Schretlen, D., Benedict, R.H.B. & Bobholz, J.H.** (1994). Composite reliability and standard errors of measurement for a seven subtest short form of the WAIS-R. Psychological Assessment, 6, 188-190.
- Brandt, J. and Schretlen, D.** (1994). Post-doctoral training in clinical neuropsychology at the Johns Hopkins University School of Medicine. Bulletin of the National Academy of Neuropsychology, 11, 12-14.
- Schretlen, D., Bobholz, J.H. & Brandt, J.** (1996). Development and psychometric properties of the Brief Test of Attention. The Clinical Neuropsychologist, 10, 80-89.
- Schretlen, D., Brandt, J. & Bobholz, J.H.** (1996). Validation of the Brief Test of Attention in patients with Huntington's disease and amnesia. The Clinical Neuropsychologist, 10, 90-95.
- Benedict, R.H.B., Schretlen, D., Groninger, L., Dobraski, M. & Shpritz, B.** (1996). Revision of the Brief Visuospatial Memory Test: Studies of normal performance, reliability, and validity. Psychological Assessment, 8, 145-153.
- Schretlen, D. & Ivnik, R.J.** (1996). Prorating IQ scores for older adults: Validation of a seven-subtest WAIS-R with the Mayo Older Americans Normative Sample. Assessment, 4, 411-416.
- Axelrod, B.N., Woodard, J.L., Schretlen, D. & Benedict, R.H.B.** (1996). Corrected estimates of WAIS-R short form reliability and standard error of measurement. Psychological Assessment, 8, 222-223.
- Jayaram, G., Samuels, J., Schretlen, D. & Gurny, P.** (1997). The cognitively limited severely mentally ill: Concerns for managed care. Managed Care Quarterly, 5, 28-34.

- Benedict, R.H.B., **Schretlen, D.**, Groninger, L. & Brandt, J. (1998). The Hopkins Verbal Learning Test-Revised: Normative data and analysis of inter-form and test-retest reliability. The Clinical Neuropsychologist, 12, 43-55.
- Shapiro, A.M., Benedict, R.H.B., **Schretlen, D.** & Brandt, J. (1999). Construct and predictive validity of the Hopkins Verbal Learning Test-Revised. The Clinical Neuropsychologist, 13, 348-358.
- Schretlen, D.**, Pearlson, G.D., Anthony, J.C., Aylward, E.H., Augustine, A.M., Davis, A. & Barta, P. (2000). Elucidating the contributions of processing speed, executive ability, and frontal lobe volume to normal age-related differences in fluid intelligence. Journal of the International Neuropsychological Society, 6, 52-61.
- Schretlen, D.**, Neal J. & Lesikar, S. (2000). Screening for malingered mental illness in a court clinic. American Journal of Forensic Psychology, 18, 5-16.
- Schretlen, D.**, Jayaram, G., Maki, P., Park, K., Abebe, S. & DiCarlo, M. (2000). Demographic, clinical, and neurocognitive correlates of everyday functional impairment in severe mental illness. Journal of Abnormal Psychology, 109, 134-138.
- Schretlen, D.** (2000). Do neurocognitive ability and personality traits account for different aspects of psychosocial outcome following traumatic brain injury? Rehabilitation Psychology, 45, 260-273.
- Schretlen, D.J.**, Pearlson, G.D., Anthony, J.C. & Yates, K.O. (2001). Determinants of Benton Facial Recognition Test performance in normal adults. Neuropsychology, 15, 405-410.
- Schretlen, D.J.**, Harris, J.C., Park, K., Jinnah, H.A., & Ojeda, N. (2001). Neurocognitive functioning in Lesch-Nyhan disease and partial hypoxanthine-guanine phosphoribosyltransferase deficiency. Journal of the International Neuropsychological Society, 7, 805-812.
- Bakker, A., **Schretlen, D.J.** & Brandt, J. (2002). Testing prospective memory: Does the value of a borrowed item help people remember to get it back? The Clinical Neuropsychologist, 16, 64-66.
- Schretlen, D.J.**, Munro, C.A., Anthony, J.C. & Pearlson, G.D. (2003). Examining the range of normal intra-individual variability in neuropsychological test performance. Journal of the International Neuropsychological Society, 9, 864-870.
- Kerenyi, L., Ricaurte, G.A., **Schretlen, D.J.**, McCann, U., Varga, J., Aleksic, S., Mathews, W.B., Ravert, H.T., Dannals, R.F., Hilton, J., Wong, D.F. & Szabo, Z. (2003). Positron emission tomography of the serotonin transporter in Parkinson's disease. Archives of Neurology, 60, 1223-1229.
- Diaz-Asper, C.M., Pearlson, G.D. & **Schretlen, D.J.** (In press). How well does IQ predict neuropsychological test performance in normal adults? Journal of the International Neuropsychological Society.

Schretlen, D.J. & Shapiro, A.M. (2003). A quantitative review of the effects of traumatic brain injury on cognitive functioning. International Review of Psychiatry **15**, 341-349.

UNDER REVIEW

Schretlen, D.J., Munro, C.A., Lu, L. & Pearlson, G.D. Developmental versus acquired mild cognitive impairment. Archives of Neurology.

BOOK CHAPTERS & REVIEWS

Schretlen, D. (1996). Dissimulation on the Rorschach and other projective tests. In R. Rogers (Ed.), Clinical assessment of malingering and deception (2nd Edition). New York: Guilford Publications, Inc., pp. 208-222.

Cercy, S.P., **Schretlen, D.** & Brandt, J. (1996). Differentiation of organic memory impairments from functional and dissimulated aberrations of memory. In R. Rogers (Ed.), Clinical assessment of malingering and deception (2nd Edition). New York: Guilford Publications, Inc., pp. 85-107.

Schretlen, D. (1997). The Brief Test of Attention professional manual. Odessa, Florida: Psychological Assessment Resources, Inc.

Schretlen, D. (1997). Catastrophic brain injury: new bases for optimism. Review of H.S. Levin, A.L. Benton, J.P. Muizelaar, & H.M. Eisenberg (Eds.), Catastrophic brain injury in Contemporary Psychology, **42**, 720-721.

Harris, J.C., Wong, D.F., Jinnah, H.A., **Schretlen, D.** & Barker, P. (2002). Neuroimaging studies in Lesch-Nyhan syndrome and Lesch-Nyhan variants. In S.R. Schroeder, M.L. Oster-Granite & T. Thompson (Eds.), Self-injurious behavior: Gene-brain-behavior relationships. Washington, D.C.: American Psychiatric Association Books, pp. 269-278.

NATIONAL & INTERNATIONAL PRESENTATIONS

Schretlen, D. Gilliland, M., Payne, F., & Hicks, R. (1980, April). A multi-dimensional life stress scale for college students. Poster presented at the annual meeting of the Western Psychological Association; Los Angeles, CA.

Schretlen, D., Arkowitz, H. & Roedel, L. (1985, April). The role of hostility and dependency in depression. Paper presented at the annual meeting of the Rocky Mountain Psychological Association; Tucson, Arizona.

Scogin, F., Hamblin, D., **Schretlen, D.** & Corbishley, A. (1985, August). Bibliotherapy for depressed older adults; a self-help alternative. Poster presented at the annual meeting of the American Psychological Association; Los Angeles, California.

Bobholz, J. & **Schretlen, D. (1991).** Diagnostic utility of the MMPI K correction. Proceedings and Abstracts of the Annual Meeting of the Eastern Psychological Association, **62**, 26.

remember a staged crime. Proceedings and Abstracts of the Annual Meeting of the Eastern Psychological Association, 74, 28-29.

Yassa, M.A., Kweku, J., Scott, D., Honeycutt, N., Rivkin, P., Pearlson, G.D. & **Schretlen, D.J.** (2003). Cognitive and neuroanatomic correlates of schizoid personality traits in an adult community sample. Proceedings and Abstracts of the Annual Meeting of the Eastern Psychological Association, 74, 28.

Newell, A., Munro, C.A., Meyer, S. & **Schretlen, D.J.** (2003). Functional ability and insight: The role of depression and cognitive functioning. Proceedings and Abstracts of the Annual Meeting of the Eastern Psychological Association, 74 suppl, 13.

Caballero, P., Meyer, S.M., Pearlson, G.D. & **Schretlen, D.J.** (2003). Neuroanatomic differences associated with normal aging and performance on the Wisconsin Card Sorting Test in an adult community sample. Proceedings and Abstracts of the Annual Meeting of the Eastern Psychological Association, 74 suppl, 13-14.

Wong, D.F., Lee, J.S., Zhou, Y., Brasic, J., Alexander, M., Dogan, S., **Schretlen, D.**, Kimes, A., Ernst, M., Jasinski, D. & London, E.D. (2003). Cue induced cocaine craving and dopamine release: Methodology and correlates. Society of Nuclear Medicine.

Strasser, H.C., Kim, A., Rao, V., **Schretlen, D.** & Cascella, N. (March 2003). MRI study of basal ganglia volume in deficit schizophrenia and apathy induced by traumatic brain injury. The International Congress on Schizophrenia Research. Colorado City, Colorado.

Cascella, N.G., Diaz-Asper, C., Rao, V., Kim, A., Meyer, S., Strasser, H.C., Pearlson, G. & **Schretlen, D.** (March 2003). Neuropsychological impairments in deficit schizophrenia and apathy after traumatic brain injury. The International Congress on Schizophrenia Research. Colorado City, Colorado.

Ojeda, N., **Schretlen, D.J.**, Apalategui, E. & Pearlson, G. (In press). Cross cultural equivalence of two tests of attention.

Buffington, A., Meyer, S., Graham, P. & **Schretlen, D.** (In press). A limitation in using the NART-R to predict neuropsychological test performance. Journal of the International Neuropsychological Society.

Meyer, S., Baerwald, J., Johnson-Greene, D. & **Schretlen, D.** (In press). Correlates of return to work following stroke. Journal of the International Neuropsychological Society.

Caballero, P., Cascella, N., Rao, V., Pearlson, G. & **Schretlen, D.** (In press). Cognitive correlates of striatal volume reductions in schizophrenia. Journal of the International Neuropsychological Society.

Kingery, L., Langley, L., Marano, N. & **Schretlen, D.** (In press). Hippocampal volume asymmetry correlates with word vs. design fluency in normal adults. Journal of the International Neuropsychological Society.

Schretlen, D. & Shapiro, A. (In press). Use of meta-analysis to estimate cognitive domain-specific recovery following TBI. Journal of the International Neuropsychological Society.

Rao, V., Spiro, J.R., **Schretlen, D.J.**, Meyer, S.M. & Cascella, N. (Under review). Comparisons between deficit schizophrenia and post-TBI apathy.

Meyer, S.M., Kingery, L.R., Graham, S., Pearlson, G.D., & **Schretlen, D.J.** (Under review). Does the Cognitive Estimation Test Measure Executive Functioning?